

**To:** CN=Mark Ader/OU=R10/O=USEPA/C=US@EPA[]  
**Cc:** []  
**Bcc:** CN=Sheila Fleming/OU=R10/O=USEPA/C=US@EPA[]  
**From:** CN=Rene Fuentes/OU=R10/O=USEPA/C=US  
**Sent:** Thur 7/26/2012 5:21:45 PM  
**Subject:** One set of comments on Triangle Park Plan July 2012 (Fill Soil Sampling and criteria)  
[Piles Sampling Pages from Piles MIS HI HTGM Section 04-02.pdf](#)  
[2012\\_05-11\\_Fill Material Sampling Memo.pdf](#)  
[natasya.gray@amec.com](mailto:natasya.gray@amec.com)

Mark,

What I find referenced in Appendix F of the Draft Removal Action Plan, as referenced in Section 5.1 (see Appendix F) is NOT what I thought we had been discussing even recently in the emails below. Note that what is attached (2 attachments) here is much more detailed and I still had comments for them on that. I think the Appendix F memo needs to be updated to be the one here or even better one that deals with our comments below.

I will have another message with additional comments.

René

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René Fuentes P.E., P.H.G.  
Hydrogeologist  
Office of Environmental Assessment  
USEPA Region 10 (OEA-095)  
1200 Sixth Ave., Suite 900  
Seattle, WA 98101

phone: (206) 553-1599

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----- Forwarded by Rene Fuentes/R10/USEPA/US on 07/26/2012 10:16 AM -----

**From:** Rene Fuentes/R10/USEPA/US  
**To:** Mark Ader/R10/USEPA/US@EPA  
**Date:** 06/15/2012 12:24 PM  
**Subject:** Re: Fw: Univ. of Portland Proposed Fill Re-Use Sampling Approach

Mark,

I reviewed the plan and it seems to include most the major items which we had previously requested in other plans.

Two items which seem to be sort of covered, but not complete, are sampling at depth and the sampling volume. I suggest that something like this be considered and incorporated into the plan for U of P work.

Plan states that samples will be from 0 to 6 inches in depths from the piles which may mean that much of the piles are not sampled if they are large piles. There should be some attempt to sample the deeper zones as well as the shallow zones if possible. There is an Interim Hawaii guide for sampling that can be used as a model, but the concept is similar to what is proposed except that it cover a much greater depth of sampling in the piles and could be accomplished with hard augers or similar tools. I have enclosed those pages here for your reference

Another is the amount of sample which will be collected from each sample, while it does mention 8 oz bottles, it is not clear if the samples between 0 and 6 inches will result in that volume. As discussed it appears there will be 8 oz from the discussion of the grinding process, but should be covered in the actual sampling section.

René

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René Fuentes P.E., P.HG.  
Hydrogeologist  
Office of Environmental Assessment  
USEPA Region 10 (OEA-095)  
1200 Sixth Ave., Suite 900  
Seattle, WA 98101

phone: (206) 553-1599

\*\*\*\*\*

From: Mark Ader/R10/USEPA/US  
To: Rene Fuentes/R10/USEPA/US@EPA  
Date: 06/14/2012 11:17 AM  
Subject: Fw: Univ. of Portland Proposed Fill Re-Use Sampling Approach

Mark Ader  
Remedial Project Manager  
Environmental Cleanup Office (ECL-115)  
U.S. EPA Region 10  
1200 6th Ave.  
Seattle, WA 98101  
Phone 206-553-1849  
Fax 206-553-0124  
e-mail Ader.Mark@epa.gov

----- Forwarded by Mark Ader/R10/USEPA/US on 06/14/2012 11:17 AM -----

From: "Gray, Natasya" <Natasya.Gray@amec.com>  
To: Mark Ader/R10/USEPA/US@EPA  
Cc: "Blount, David" <DBlount@landye-bennett.com>, "Kuffner, James" <kuffner@up.edu>, Jennifer MacDonald/R10/USEPA/US@EPA, Rene Fuentes/R10/USEPA/US@EPA, ANDERSON Jim M <ANDERSON.Jim@deq.state.or.us>, "Dupuy, Gary" <Gary.Dupuy@amec.com>  
Date: 05/11/2012 03:08 PM  
Subject: Univ. of Portland Proposed Fill Re-Use Sampling Approach

Hi Mark,

I have attached the brief work plan I left you a message about earlier today. Hopefully we can connect next week

regarding this.  
Thanks,  
Tasya

Tasya Gray, LG | Senior Geologist

AMEC Environment & Infrastructure | 600 University, Suite 600 | Seattle, WA 98101

206.342.1786 (direct) | 206.342.1761 (fax) | 206.375.0211 (cell) | [natasya.gray@amec.com](mailto:natasya.gray@amec.com)

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